Genomic

Proteomics

Bio Life Haus

connecting people to science

ISSUE YEAR: JULY 2014 – DEC 2015

liquid Handling

Instrumentation

Cellular Biology

General lab Supply

Find out more about us at

10 YEARS 2005 - 2015 A DECADE OF DISCOVERY

ABOUT US

Nano Life Quest Sdn. Bhd. (NLQ) is one of the fastest growing scientific company in Malaysia, providing solutions for the molecular and cellular biology segments since year 2005. We provide our customers a wide range of high quality products, reliable application support and great after sales services. All the products we carry are some of the best available, backed with many years of support experience and selected based on the market needs in Malaysia.

Our aim is to be the best in all aspects, from sales to support. We believe the most important factor is Excellent Customer Service. We provide solutions to customers' research and diagnostics needs. We strive to excel in every single area of service, ensuring our customers receive the highest standard of services from our sales teams, application specialists and product engineers.

We respond quickly to the market shifts, needs and new technology advancements, ensuring that our customers have access to the latest development with appropriate platforms for their continuous innovative research findings.

Here at ***NLQ***, we surpass the impossibilities together with your support and trust, but most importantly, we ***DISCOVER LIFE*** together.

Bio Life Haus Sdn. Bhd. (BLH) is the first e-store for scientific supply based in Malaysia.

Our aim is to be the one-stop scientific solutions provider for our customers from the education institutions, petrochemicals, pharmaceuticals, healthcare, chemicals and food industries by offering a comprehensive range of quality products and services.

CONTACT US AT:

You can follow us on facebook

Bio Life Haus
connecting people to science

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info@biohaus.my

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www.BioHaus.my

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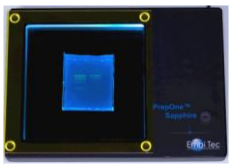
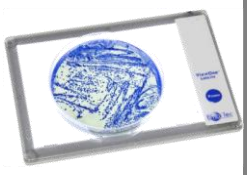
END

Fragment Analyzer™ Automated CE System

Once in a while, a new product comes along that changes how people work.

ADVANCED ANALYTICAL

EMBITEC, USA

	RunOne™ All-in-One Electrophoresis System • Includes tank, lid, power supply and agarose casting system • Run up to 48 samples at once. •Timer function includes an alarm. • Simple operation with 4 output variation, 25, 50, 75 or 100 Volt	**RM 2450**
	**PrepOne™ Sapphire Blue Light Transilluminator** Designed for preparative applications, it is great for viewing DNA bands (50ng) stained with fluorescent dyes with wavelengths of around 490 nm (SYBR Green, SYBR Gold and *etc*). ***No harmful UV rays!***	**RM 2200**
	**ViewOne™White light transilluminator** Provide illumination of bacterial plates and ELISA plates for better viewing in colony picking and assay progression. Since it is water resistant, you can even put your wet Coomassie Blue stained gels on there for visualization.	**RM 600**
	LightOne™ Illuminator Pipetting Assistant System Guide and track location while setting up the 96-well plate. Aids in visualization and helps avoid losing place while Pipetting ***Design your own Pipetting flow direction!***	**RM 2100**
	LightOne ™ Pro Illuminator (High-Throughput) Easily helps you combine 4x 96-well plates into 1x 384 plate with minimal error. RT-PCR to Q-PCR. Developing and optimizing high-throughput screening assays. High-throughput genotyping. Cherry-picking. Rapidly pinpoint with confidence the exact location of where you want to pipette.	**RM 3750**

Q INSTRUMENTS, GERMANY

Thermo Shaker (supplied with one adaptor)

Model: Bioshake IQ **Price: Please Inquire**

Fast shaking/mixing up to **3,000 rpm**
Fast and high-precision heating from ambient to **99°C**
Integrated vortex and **short mix function**

Aluminum Adaptors available for Microplates (96, 384 and 1536 well microplates, deep well plates, PCR plates, tubes (0.2 / 0.5 / 1.5 / 2.0 ml standard microcentrifuges tubes), Glass Vials (2.0 and 4.0 ml glass vials)
Customized adapator (on request)

EPOCH LIFE SCIENCE, USA

EconoSpin™ Prepacked Silica Membrane Spin Columns

Application:

- **Nucleic Acid Extraction & Purification**
- **Buffer Exchange between Enzymatic Digestions**
- **Plant & Microbial Sample Pre-Filtration**
- **Probe Label Clean-Up**
- **His-Tag Purification**

EconoSpin All-in-1 Mini Spin Columns, completed with collection tubes Packaging: pk of 250 columns	**RM 600/pk**
EconoSpin All-in-1 Mini Spin Columns, completed with collection tubes Packaging: 3pks/case, each pack of 250 columns	**RM 1700/case**
EconoSpin All-in-1 Mini Spin Columns, completed with collection tubes Packaging: 5pks/case, each pack of 250 columns	**RM 2700/case**

OPTIMA, JAPAN

Disposable Homogenizer BioMasher II

RM 500

Each set consists of a 1.5ml tubes and a pestle tip, PP material, Autoclavable, sterile and individual wrapped
Pack Size: 50 sets/pack

Application:
For research on animal tissue, internal organs, leaves, stems, roots, seeds, insects, fish, shellfish, DNA, RNA, proteins, enzymes and other sample types

RM 600

Pestle Motor PowerMasher

AAA alkaline battery operated, 3 rotation speeds (2000 rpm, 2500 rpm and 2900 rpm)
For use with BioMasher II

BENCHMARK SCIENTIFIC, USA

Benchmark Scientific

BeadBug™ Microtube Homogenizer

- Extremely powerful mixing action for lysis, grinding or homogenization
- Eliminates the cross contamination associated with hand-held homogenizers
- Faster & more effective than tissue grinders
- Process up to 3 tubes simultaneously

Standard Glass beads (Acid Washed)

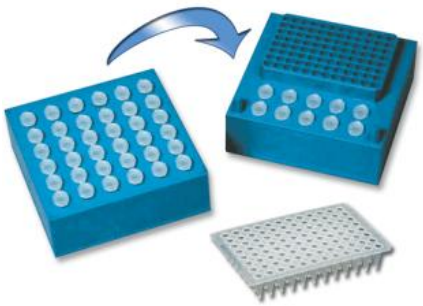
Triple-Pure™ (Molecular Biology Grade) Zirconium Beads

BeadBlaster™ 24 place Microtube Homogenizer

- Fast, efficient homogenization in about 35 seconds
- For all sample types, from soft tissue to bone
- High throughput-up to 24 samples
- Sealed, 2.0ml tubes-no cross contamination

Standard Glass beads (Acid Washed)

Triple-Pure™ (Molecular Biology Grade) Zirconium Beads



Benchtop PCR Cooler

Hold 0°C for up to 4 hours
Top Side: 36x1.5/2.0ml tubes
Bottom Side: 96x0.2ml tubes and 10x1.5/2.0ml tubes
RM 450

DNA GENOTEK, CANADA

DNA genotek

DNA Collection Kits
Easy. Painless. Proven.

Painless, non-invasive collection of high-quality, high-quantity DNA.

ORAgene·DNA

ORAcollect·DNA

ORAgene·ANIMAL

PERFORMAgene·LIVESTOCK

ORAgene·RNA

Infectious Disease Collection Kits

An all-in-one collection kit for the collection and stabilization of microbial DNA/RNA from saliva.

OMNIgene·DISCOVER

Sample Preparation Products

The critical step in genetic analysis and testing is the extraction of DNA from collected samples.

Publication

DNA Genotek's Publication Reference:

Malaysian J Pathol 2011; 33(2) : 133 – 152

Evaluation of saliva as a source of DNA for human leukocyte antigen (HLA) – A pilot study

Masita A, Dhaliwal JS, Salawati M, Norfarhana KF, Norhazlin M, Lee YY, Amira MZ, Syahirah K,Shahnaz M

Allergy & Immunology Research Centre, Institute for Medical Research, Kuala Lumpur

Did you know…You can't taste food without saliva.

NANOHELIX, KOREA

DNA/RNA Amplification (Gel-Based PCR)

Description	Cat #	Price (RM)
HelixAmp™ Taq DNA Polymerase Recombinant enzyme expressed and purified from a bacterial host cell harboring Thermus aquaticus DNA polymerase gene.	T500N (500 units)	350.00
HelixAmp™ Ready-2x-Go Mix **Optimized mixtures of a PCR Enzyme with reaction buffer and dNTPs as 2-fold concentrations**	PMD001-S (1ml)	110.00
HelixCript™ First Strand cDNA Synthesis Kit **Complete system for efficient synthesis of first Strand cDNA from total RNA or poly (A)+-selected RNA**	CDNA25 (25 rxns)	830.00
HelixCript™ One-Step RT-PCR Kit **For the sensitive amplification of the target gene in one-tube reaction from total transcripts.**	ORTHT100 (100 rxns)	1,150.00

DNA/RNA Amplification (qPCR)

RealHelix™ qPCR kit Designed to perform the rapid real-time quantification of target from DNA or 1st-strand cDNA synthesized from RNA molecule.	QPCR-S100 (100 rxns)	650.00
RealHelix™ qRT-PCR kit Convenient and reliable one-step quantitative RT-PCR kit. ✓ **Convenient real-time RT-PCR in one-tube reaction.** ✓ **Ready-to-use buffer mix**	QRT-S100 (100 rxns)	890.00

Direct PCR & WGA

HelixAmp™ Direct PCR [3G] Designed for the PCR amplification directly from animal tissues, whole blood, and plant tissues without any DNA purification processes.	DPR200 (200 rxns)	3,300.00
HelixAmp™ Genome Amplifier (WGA) **Whole genome amplification kit suitable to amplify the whole genome from very little amount of genomic DNA sample**	HGA001-50 (50 rxns)	1,850.00

Punch-it™ DNA Sample Kit

The kit is designed for extremely easy isolation of nucleic acid from a little amount of various samples such as animals, blood, plants, bacteria and viruses. The kit is very easy to handle and does not need any equipment.

NORGEN BIOTEK, CANADA

NORGEN BIOTEK CORP.

Canada's TOP 10 Life Science Companies Competition Winner

The Sample Preparation Experts

Molecular Diagnostic Kits
Human, Animal, & Plant

The New Gold Standard in RNA Purification
Total RNA (including microRNA)

DNA Sample Preparation
Genomic DNA, Plasmid DNA, PCR Clean up

Urine, Blood, Plasma & Serum Sample Preparation
RNA/microRNA, DNA, Protein, Exosome RNA

Protein Sample Preparation
CleanUp, Concentration, Endotoxin Removal

Sample Collection and Preservation
Saliva, Urine, Blood, Buccal Swabs, Sputum

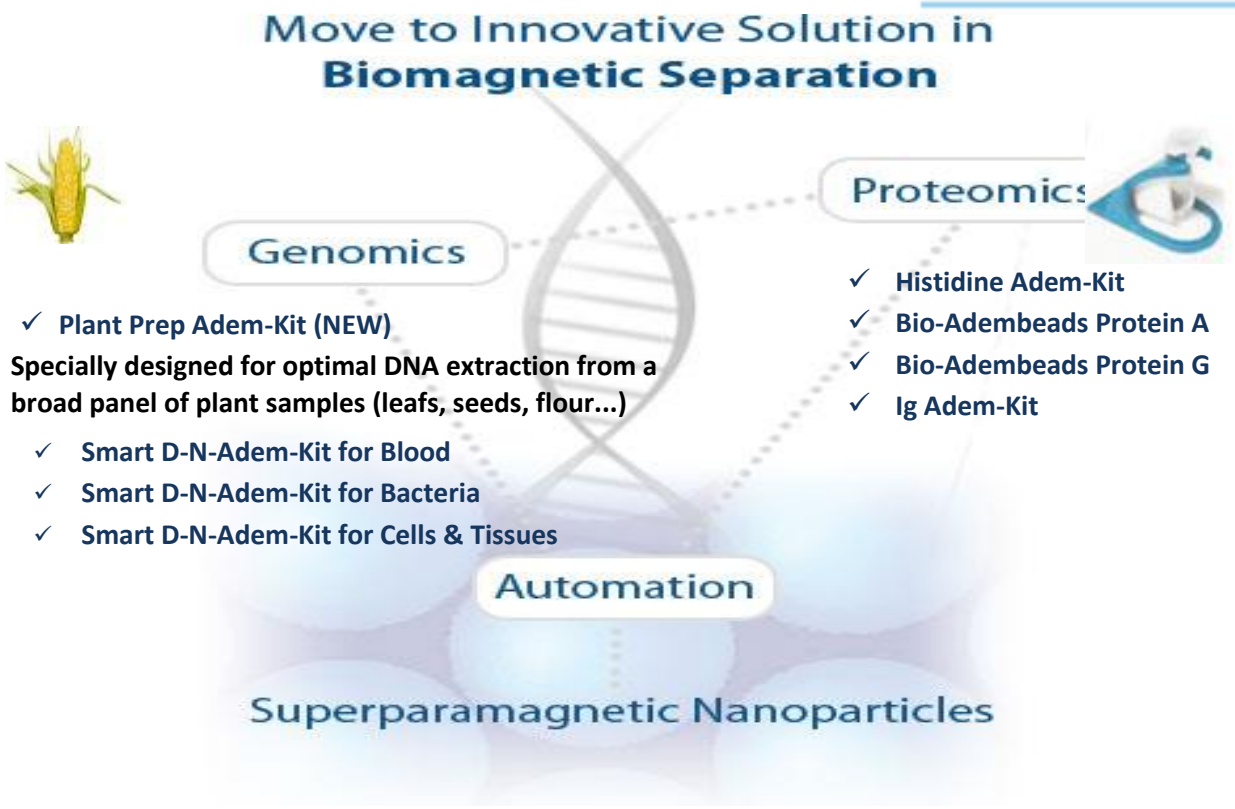
Molecular Weight Marker, Buffers

- ✓ Food DNA Isolation Kit
- ✓ Plasma/Serum RNA/DNA Purification Mini Kit
- ✓ Plant microRNA Purification Kit
- ✓ *In Vitro* Transcription Clean-Up and Concentration Kits
- ✓ FFPE RNA/DNA Purification Plus Kit
- ✓ Quantified DNA Standards for Pathogens

Norgen Sample Kit Available. Please Inquire

Did you know...Liquid oxygen is blue.

ADEMTECH, FRANCE



- ✓ **Plant Prep Adem-Kit (NEW)**

Specially designed for optimal DNA extraction from a broad panel of plant samples (leafs, seeds, flour...)

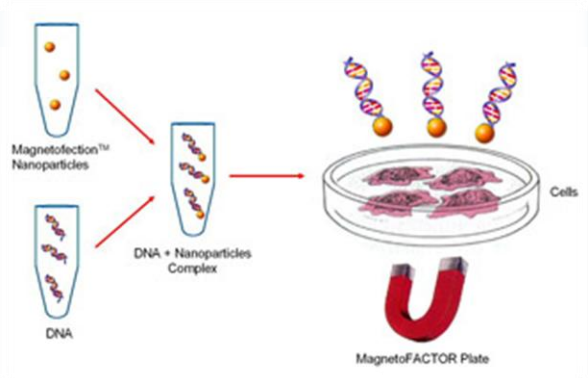
- ✓ **Smart D-N-Adem-Kit for Blood**
- ✓ **Smart D-N-Adem-Kit for Bacteria**
- ✓ **Smart D-N-Adem-Kit for Cells & Tissues**

- ✓ **Histidine Adem-Kit**
- ✓ **Bio-Adembeads Protein A**
- ✓ **Bio-Adembeads Protein G**
- ✓ **Ig Adem-Kit**

CHEMICELL, GERMANY

Magnetofection™

Magnetofection™ is a novel, simple and highly efficient method to transfect cells in culture.



Magnetofection™ Kit (Cat No.: 9008-96)

Complete With :-

1) MagnetoFACTOR Plate-96 - 1 unit

2) PolyMAG-200 - 1 unit

3) CombiMAG-200

geneMAG-DNA 96 / Blood

The **geneMAG-DNA 96 / Blood** kit is a novel, simple and highly efficient tool for isolation of genomic DNA with magnetic silica beads using the KingFisher™ 96 or BioSprint™ 96 workstations. The DNA can be isolated from blood samples including fresh, frozen, anti-coagulated blood, buffy coat.

Did you know...fresh egg will sink in fresh water. A stale egg will float.

STANDARD OLIGO SYNTHESIS SERVICE

DOOR TO DOOR DELIVERY

Get your oligos within 3-5 days via FEDEX

500 mers Package

Length	*Yield*	*Purification*	*Price*
Less than 40 mers	5 OD	Oligo Purification cartridge (OPC)	RM1.70 / mer

2000 mers Package

Length	*Yield*	*Purification*	*Price*
Less than 40 mers	5 OD	Oligo Purification cartridge (OPC)	RM1.30 / mer

Service Providers:

SBS 赛百盛 FLUORESENTRIC SIGMA Life Science

tc

Remarks:

- **Our oligos are synthesized with a typical coupling efficiency of 99% and purified by OPC free of charge.**
- **PAGE and HPLC purification are available with additional charges.**
- **Modified oligos and fluorescent oligos are also available upon request with additional charge.**
- **Probes for quantitative, real-time PCR (Taqman & molecular Beacons) are also available upon request.**

AHRAM BIOSYSTEM, KOREA

Palm PCR™ G1-12
Portable High-Speed PCR System

Full Version, featuring
30 Cycles in 18 to 39 minutes
for up to 2 kbp Amplicon

Palm PCR™ G1-12 is a full version of the *Palm PCR* series. In addition to the three *Standard Fast* PCR speed levels, two speed levels each of the *Standard Slow* and *Turbo Fast* modes are provided. The dynamic range is extended to up to 2 kbp in the *Standard Slow* mode, and the PCR amplification is accelerated to 18-21 min/30-cycles in the *Turbo Fast* mode.

Available in three authentic colors:
- Red: Part No. G1012-R
- Blue: Part No. G1012-B
- Yellow: Part No. G1012-Y

HAI KANG LIFE, HONG KONG

HAI KANG LIFE CORPORATION LIMITED

PROTEOMICS & GENOMICS : PCR

Food Molecular Testing Kit

Food Safety Testing

A fast and reliable identification of allergy causing foods such as peanut, Brazil nut, celery, mustard and sesame

Species Identification

Using PCR based technology; presence of specific animal DNA such as pig, cow, sheep, chicken, goose, duck or fish can accurately identify

Food Allergen Testing

Identification of allergy causing foods such as peanut, Brazil nut, celery, mustard and sesame

Veterinary Diagnostic Kit

Qualitative detection method for a series of classical virus or diseases

Food Extraction Kit

- ✓ **Food-Ex (Phenol-Chloroform)**
- ✓ **Food-Ex Plus (Column Based)**
- ✓ **Food-Ex Magnetic (Magnetic Silica)**

Did you know…about 78% of the average human brain consists of water.

VISUAL PROTEIN, TAIWAN

- **WESTERN BLOTTING**
- **PROTEIN PURIFICATION**
- **ANTIBODY PRODUCTION**
- **PROTEOMICS**

LuminolPen™, HRP System 	Find your disappear molecular weight! LuminolPen™, HRP System is a perfect tool for chemiluminescent detection in Western blot.	Cat No : LH03-10 **RM : 350**
VisPRO™ 5 minute protein stain 	VisPRO™ stains the gel rather than the protein sample by utilizing imidazole and zinc ions precipitate in the gel and reveal the protein position in only 5 minutes. The detection sensitivity can be reached to 1ng, competitive with silver stain and SYPRO ruby.	Cat No : VP01-500 **Request for special price**
LumiFlash™ Infinity Chemiluminescent Substrate, HRP 	LumiFlash™ Infinity is an extremely sensitive enhanced chemiluminescent substrate for femtogram-level on WB and ELISA application 250 ml Soln.A+250 ml Soln.B, 1 kit	Cat No : LF16-500 **Request for special price**
FraPRO™ Protein fractionation 	Target specific subcellular compartment with ultracentrifuge-independent method to separate four subcellular protein fractions, including nuclear, cytosol, membrane/organelle, and cytoskeletal fractions in a detergent-based procedure.	Cat No : FP01-5 **Request for special price**
PhosPRO™ Phosphoprotein Purification Kit 	PhosPRO™ provides a new version of IMAC based purification and purify phosphoprotein from different biological materials, such as animal, microorganism, plant, and is suitable for applying quality required analysis.	Cat No : PP05-2C **Request for special price**
IEF Optimizer 	Providing the accurate salt content measurement of 2-DE samples and IEF total voltage hour (**Voltage-Hour Calculator**)	Cat No : IOR01 **RM : 7000**

Did you know…sounds travels 4.3 times faster in water than in air.Of cource, it doesn't travel through a vacuum at all.

PRIMER DESIGN, UK

Real Time PCR Pathogen Detection

qPCR Pathogen Detection Kit

- Veterinary & Agriculture
- Human Pathogen
- Food and Water Testing
- Biothreat Detection

Precision qPCR MasterMixes

- Huge cost saving
- As good or better than leading brand
- Precise reproducible results
- Available premixed with SYBR green at no extra charge

Precision Nucleic Acid Extraction Kits

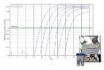
Rapid isolation of DNA or RNA from a variety of sample sources including throat swabs, plasma, serum, cerebral spinal fluid, amniotic fluid, and other cell-free body fluids and virus-infected supernatants.

- **Precision Viral RNA/DNA extraction kit**
- **Precision gram negative bacterial DNA extraction kit**

SNP Genotyping Kits

Somatic Mutation Genotyping

Germline Mutation Genotyping



Precision OneStep qRT-PCR MasterMix

The Precision OneStep™ qRT-PCR MasterMix contains all of the required components for a perfect one step real-time PCR analysis in a single reaction mix. Rate of processing and the sensitivity of detection increased hence resulting the RT step to be completed in less than 10 minutes. An RNAse inhibitor is included to protect the sample from possible degradation.

Reverse Transcription Kits

High efficiency Reverse Transcription (RT) ensures the ability to detect rare transcripts and obtain the strongest possible real-time PCR signals.

- **RT SHOTS Reverse Transcription**
- **RT PREMIX Reverse Transcription**
- **CORE KITS Reverse Transcription**

College of American Pathologist, USA

- **Accrediatation Programme**
- **Proficiency Testing**
- **Surveys Spotlight**
- **EQA/PT Quote Request Form**

Interested to know about CAP?

Contact us for more information!!!

info@nanolifequest.com

Did you know…urine fluorescence or glows under ultraviolet light.

Small. Fast. Accurate.

New NanoPhotometer™ P-Class

IMPLEN

Sure

about your readings?
Lifetime Accuracy
- Proteins/Peptides
- DNA/RNA/Oligo

even more
An All-in-One Solution

NanoVolume (0.3 µl)

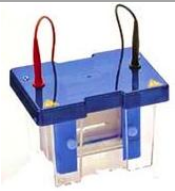
Cuvette Capability

Low Vibration Vortexer

Stand Alone Operation

www.implen.com/p-class

NYXTECHNIK, USA

	Electronyx Mini Horizontal Includes 7 x 10cm UV tray, 7 x 7cm UV tray, two 1mm 8-Sample combs, loading guides and dams. Max sample: i) 7 x 7 tray: 32 Samples ii) 7 x 10 tray: 64 Samples	RM 1000
	**Electronyx MiniPage** Includes Tank and lid, Glass Plates with bonded 1mm thick spacers, 2x12 sample combs, cooling pack, dummy plate and Casting Base Max sample: 4 Gels: 80 Samples (20 Samples per Gel)	RM 2300
	Electronyx MiniPAGE Blot Includes Tank & lid, 3 cassettes (10 x 10cm Plate), 6 fibre pads and cooling pack Max sample: 3 Blots, 7.5 x 8cm gel size	RM 2300
	Electronyx Mini 2D (Capilary) Includes Tank and lid, glass capillary tubes, blanking ports and cooling pack Max sample: 10 Capillary Tubes	RM 2600
	Voltronyx Reactor-37 Voltage(V) or Current(mA) output, Max 300V or 700mA, 1-999min timer with alarm, Aluminium Casing, Suitable for Horizontal, Vertical and 2D electrophoresis, PAGE and Electroblotting.	RM 2000
RNase Removal Reagent - Special blend of ingredients destroys RNase and DNases on contact, 475ml/bottle, pk of 6 bottles **Ethidium Bromide dropper bottle** - Convenient way to dispense this dangerous reagent. Stock solution of 0.625 mg/mL, Pack Size: 10mL **Destaining Bags** - Easy removal and safe discarding of EtBr and various other dyes in solutions/gels, 25 bags		RM 900 RM 150 RM 400

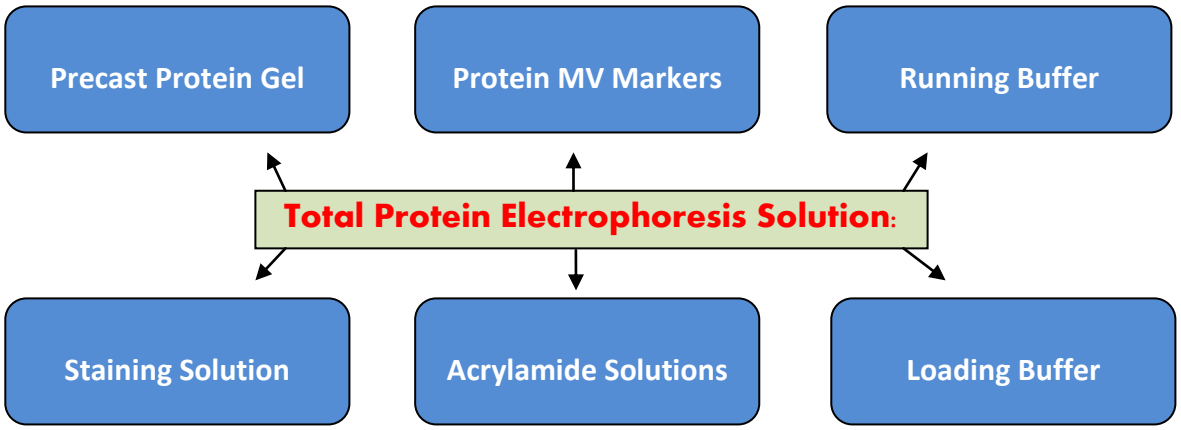
BENCHMARK SCIENTIFIC, USA

EZ Pack™ Agarose Tablets

- ✓ **Eliminates weighing**
- ✓ **Fast dissolving, just two minutes**
- ✓ **Environmentally friendly, free from organic solvents**
- ✓ **Consistent, reproducible gels**
- ✓ **Enhanced resolution and clarity**

DGEL SCIENCES, CANADA

DGel Sciences
La Source en Électrophorèse
The Electrophoresis Source



GENSCRIPT, USA

GenScript
The Biology CRO

eStainTM 2.0 Protein Staining System

Magical and revolutionary 7-min protein gel staining

Faster – complete gel staining in 7 minutes or less.
Easier – press run button and walk away.
Cleaner – no additional buffers required.
Safer – proprietary formulation without methanol.

eStain™ 2.0 Protein Staining Device ..... RM 6500

BENCHMARK SCIENTIFIC, USA

Benchmark Scientific

2D Everlast™ 247 Rocker

- **Everlast™ 5 year warranty**
- **Extra-Large, stainless steel 16x12'' surface**
- **16lb load capacity**
- **Safe for incubator or cold room use**

Specifications:
-Speed Range: Variable, 3 to 80 rpm
-Tilt Angle: Variable, 0° to 20°
-Load Capacity: 16lbs (7.5kg)

Price: RM 3570

24 Hours A Day, 7 Days A Week...

NO PROBLEM !

CELLULAR BIOLOGY

BIONTEX, GERMANY

Cell Transfection & Proteofection Reagents

		Brief Description of product	Pack size	Price (RM)
Transfection				
DOTAP		The established first-generation reagent for mammalian cells ✓ *Enormous volume of literature available* ✓ Ready-to-use formulation with good results ✓ Economical price	0.5ml 1.0ml	350 600
INSECTOGENE®		The transfection reagent for insect cells ✓ Simple, reproducible scale-up of insect cells ✓ Compatible with baculovirus expression system ✓ Economical price	0.5ml 1.0ml	500 950
METAFECTENE PRO®		Highly efficient transfection reagent for eukaryotic cells ✓ High transfection efficiency and expression rates per cell due to improved patented RMA and TOP technology ✓ Comprehensive library of user reports ✓ Extremely suitable for bacmid transfections *(single-component system, no BacDNA precipitate formation)*	1.0ml 5 x 1.0ml	1,500 6,500
METAFECTENE SI®		The siRNA and miRNA transfection reagent for eukaryotic cells ✓ Specific optimization of lipid composition for RNA transfection (siCOM Technology) with Integrated RMA and TOP Technology ✓ Efficient knockdown and low siRNA volume ✓ *Rapid protocol: two interdependent assays within one week* ✓ Protocol extremely suitable for screening processes	1.0ml 5 x 1.0ml	1,700 7,500
METAFECTENE EASY®		The third generation: DNA transfection made easy *Fast* *Easy* *Efficient* - Integrated RMA, TOP and FEE technology! ✓ Seed and transfect in 1 day ➡ Two interdependent assays in one week ✓ Fixed DNA/lipid ratio ➡ Save time and effort by eliminating optimization ✓ Optimum results and simple operation ➡ Outstanding transfection efficiency and minimum toxicity	1.0ml 5 x 1.0ml	1,600 7,000
Proteofection				
PROTEOfectene®		High-efficiency proteofection reagent for eukaryotic cells ✓ High efficiency and Ultra-low toxicity – cell activity is maintained ✓ Broad range of application with both proteins and cells* ✓ Full serum compatibility ✓ Efficient and rapid protocol: proteofection within 6 hours	50µl 100µl	750 1,400
PROTEOfectene® AB		High-efficiency antibody proteofection reagent for eukaryotic cells ✓ High efficiency and broad range of cell types ✓ Mono- and polyclonal antibodies of all isotypes ✓ Ultra-low toxicity – cell vitality is maintained ✓ Full serum compatibility, efficient results and rapid protocol.	50µl 100µl	750 1,400

Did you know...Mars is red because its surface contains a lot of iron oxide or rust.

InVitria
Performance. Defined.

ENQUIRE FOR SAMPLES TODAY!!!

CELLULAR BIOLOGY

STEM CELL REGENERATIVE MEDICINE

Cellastim

Recombinant Human Albumin

- Maximizes cell growth and productivity
- Replaces and outperforms FBS
- Improves performance in term and primary cell applications

Optiferrin

Recombinant Human Transferrin

- Universal iron carrier in cell culture
- Replaces Bovine or Human Transferrin
- Alternative to iron chelators

Lacromin

Recombinant Human Lactoferrin

- Potent cell growth factor
- Replaces expensive growth factors IGF & Insulin
- Anti-apoptotic

Lysobac

Recombinant Human Lysozyme

- At least 4x more active than chicken lysozyme
- Lysing agent with minimal denaturing of protein
- Improves bioprocessing performance

ZapCHO

CHO Supplement

- Effective alternative to hydrolysates or serum
- Delivers growth and productivity similar to FBS
- Benefits shown in many type of media

ZapHybridoma

Hybridoma Supplement

- Shortens adaptation timelines
- IgG-free for easier purification
- Reduces or eliminates FBS in cell culture

ITSE Animal-Free

Recombinant Insulin and Transferrin, Formulated with Selenium and Ethanolamine

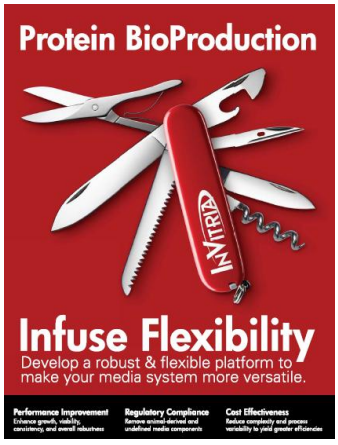
- Improves serum reduced or serum-free cell growth
- Eliminate animal components
- Ready-to-Use in 100x Liquid Formulation

Albumin-DX LR

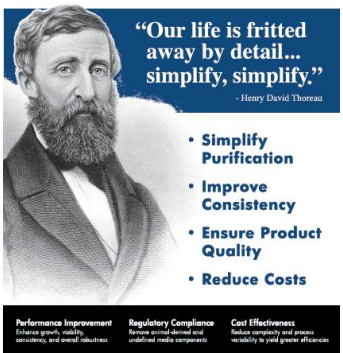
Recombinant Albumin Blocking Reagent

- Immunoglobulin~ and protease~free
- Enhances stability of antibodies and analytes
- Replaces and outperforms Bovine Albumin and Human Serum Albumin

DON'T FEAR what is lurking in the unknown – Eliminate it!
Improve culture consistency while becoming xeno- AND animal-free!
Stem Cell and Regenerative Medicine
Performance Improvement
Regulatory Compliance
Cost Effectiveness



LIFE SCIENCE RESEARCH



NEXCELOM BIOSCIENCE, USA

Cellometer® Mini

Cellometer® Auto 1000

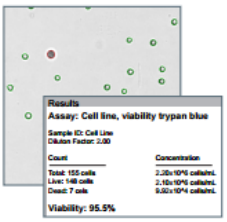
Simple, Automated Cell Counting
Improve Speed, Accuracy, and Consistency

Pipette 20 µl

Insert Slide

Select Assay, Count

View Images & Results



Saying Good Bye

Hemacyctometer!

There is a system to meet your needs.

Selection Chart:

Cellometer Mini	Cell Lines		
Auto 1000 Cell Counter	Cell Lines		
Auto 2000 Cell Viability Counter	Cell Lines	Primary Cells	
Vision CBA Image Cytometry	Cell Lines	Primary Cells	Cell-Based Assays

CUSABIO

USCN LIFE SCIENCE INC.

SIGMA Life Science

Abnova

Product Range:

-Elisa Kits -Antibodies -Proteins/Peptides

-Assay/Arrays -In Situ Hybridization -Antioxidant kit

-Growth Factors/Hormones -Cell signalling

FULLFILL ALL YOUR NEEDS IN CELLULAR BIOLOGY

ATCC, USA

ATCC

- Primary Cell
- Cell Lines and Hybridomas
- Bacteria and Phage
- Yeast and Fungi
- Viruses and related products

Did you know…It takes approximately 12 hours for food to entirely digest.

DYNACOM, JAPAN

Bioinformatics for Genomics

- **SNPAlyze : SNP and disease association analysis software.**
- **ProbeQuest : Integrated oligo DNA design system.**
- **ProbeQuest Simple : Probe and primer design software.**
- **GeneCompass : Software for Functional Annotation.**
- **HealthSketch : Disease-related information analysis software.**
- **SNPSpot : Polymorphism detection software.**

PREMIER BIOSOFT, USA

Bioinformatics for Genomics

PrimerPlex

PrimerPlex designs oligos for standard multiplex PCR and suspension array based multiplex assays such as Direct Hybridization (DHA) and Allele Specific Primer Extension (ASPE) assays.

TMA Foresight

TMA Foresight is a statistical tool for tissue microarray data analysis designed to explore the relatedness of prognostic marker expression and clinico-pathological variates with the outcome.

Primer Premier

PCR Primer Design software to design high amplification efficiency primers by automatically avoiding homologies and template secondary structures.

Array Designer

A microarray software for fast, efficient design of specific oligos for making whole genome arrays, tiling arrays and resequencing arrays.

SimVector

DNA analysis & Plasmid map drawing software to draw vector quality plasmid maps and generate publication quality vector graphics, perform restriction enzyme analysis. Design cloning experiments for Gateway® cloning, TA cloning and restriction cloning

All of the Bacteria in our body collectively weight about 4 pounds!

HANIL SCIENCE INDUSTRIAL, KOREA

RM 13,500

Smart R17 Refrigerated Micro Centrifuge

TEMP -10°C to +40°C | 17,000 MAX. RPM | 23,005 MAX. RCF | 1.5/2.0ml X 24 MAX. CAP

Fixed Angle 1.5ml x 24 …… **RM 1600**
PCR Rotor 0.2ml x 32 …… **RM2000**

RM 21,000

COMBI 514R Table-top Refrigerated Centrifuge

TEMP -10°C to +40°C | 15,000 MAX. RPM | 24,878 MAX. RCF | 250ml X 6 MAX. CAP

Rotors are sold separately

RM 1,850

Micro 12 Mini Centrifuge

13,500 MAX. RPM | 12,032 MAX. RCF | 1.5/2.0ml X 12 MAX. CAP

Package Included: 1.5/2.0 ml rotor and 0.2ml PCR rotor (32 holes)

RM 8,500

Fleta 5 Microtiter Plate Centrifuge
RPM/ RCF: 2,200 / 622 x g
Max capacity: 96well plate x 2
Acc/Dec: 10 steps

Package Included: Micro titer Plate Rotor HM-2

RM 55,000

Supra 22K Refrigerated High Speed Centrifuge

TEMP -10°C to +40°C | 22,000 MAX. RPM | 53,029 MAX. RCF | 1,000ml X 4 MAX. CAP

Package Included:
Angle Rotor 6 x 50ml
* Addiotional Rotors are available

RM 75,000

Continent 512R Plus Large Capacity Refrigerated Centrifuge

TEMP -10°C to +40°C | 12,000 MAX. RPM | 22,265 MAX. RCF | 1000ml X 6 MAX. CAP

Package Included:
Angle Rotor 6 x 1000 ml
Swing Rotor S750T-6B & Buckets
* Addiotional Rotors are available

RM 21,000

CellSpin Cytological Centrifuge (Cell Concentrator)

3,000 MAX. RPM | 1,057 MAX. RCF | 0.5~6ml X 12 MAX. CAP

Package included:
Cyto Rotor and CytoClip (12)

RM 7,500

SeroSpin Cross Matching Centrifuge

3,400 MAX. RPM | 1,021 MAX. RCF | 75mm X 12 MAX. CAP

Package included:
Sero 75 Rotor

Call for Price

Component 12R Blood bag Centrifuge

TEMP -10°C to +40°C | 4,800 MAX. RPM | 7,212 MAX. RCF | 2,400ml X 6 MAX. CAP

RM 7,500

15ml/50ml Benchtop Centrifuge

4,000 MAX. RPM | 2,898 MAX. RCF | 15ml X 24 MAX. CAP | 50ml X 6 MAX. CAP

Package included:
SL50-6 Swing Rotor and AL15-24 Angle Rotor.

Did you know…The only letter not appearing on the Periodic Table is the letter “J”.

MECASYS, KOREA

OPTIZEN POP

Optical system : Single beam(190~1100nm)
Spectral band pass width : < 1.8nm
Photometric range : -3.0 ~ 3.0 ABS (Enable to Set Up)
Wavelength accurary : < ± 0.5nm (at D_2 peak 656.1nm, 486.0nm)
Baseline stability : < ± 0.001 ABS/h (at 550nm)
Delivery size (cm) : 57 X 55 X 33
Delivery weight : 13.5kg
Chargeable weight : 17.2kg

OPTIZEN 3220UV

Optical system : Double beam (190~1100nm)
Spectral band pass width : < 1nm
Photometric range : -0.04 to 4.0Abs
Wavelength accurary : < ±0.3nm (at D2 Peak 656.1nm,486.0nm)
Baseline stability : < ± 0.002 ABS/h (at 550nm)
Delivery size (cm) : 72 X 62 X 41
Delivery weight : 22kg
Chargeable weight : 30.5kg

OPTIZEN 1412V

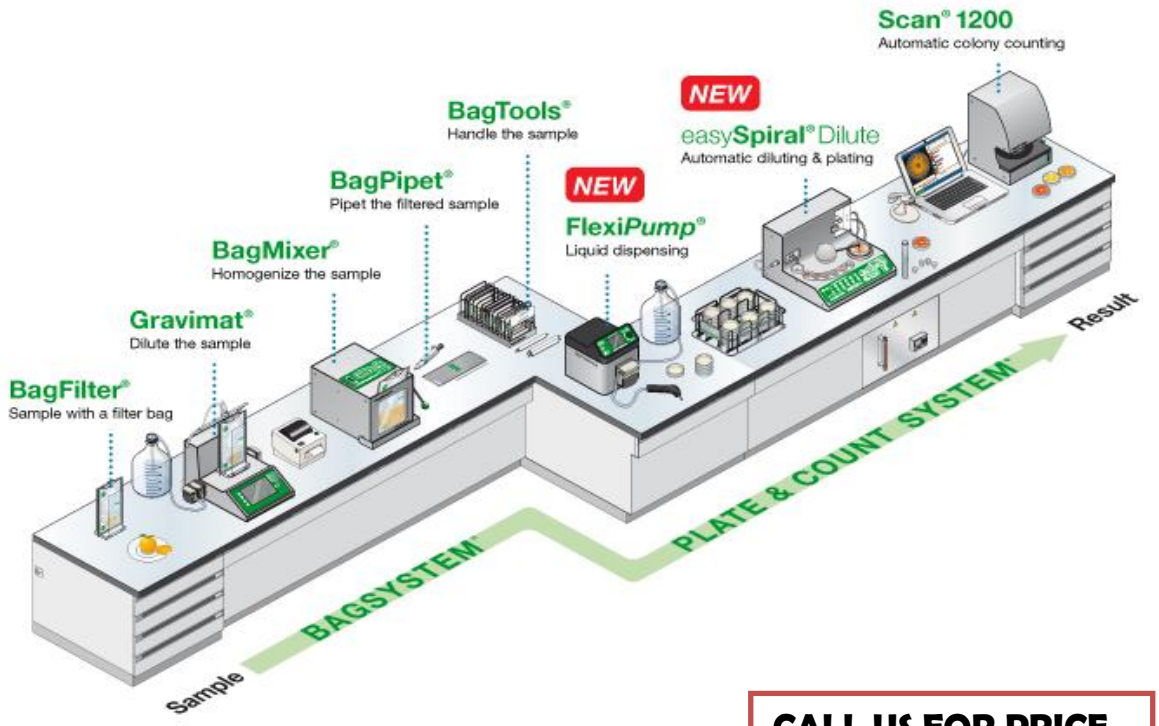
Optical system : Single beam (340~1100nm)
Spectral band pass width : < 3nm
Photometric range : -0.1 to 3.0 ABS, 0 to 125%
Wavelength accurary : < 2nm
Baseline stability : 0.003 ABS/hour
Delivery size (cm) : 54 X 46 X 35
Delivery weight : 12kg
Chargeable weight : 14.5kg

Cell Holder & Accessories:
Sipper System, Peltier Control System, Temperature / Micro Volume / Film / Long Path / Round Cell Holder

Application :
Water Quality Analysis, Biological Analysis, Hazardous Food Additives Analysis
Soil Analysis and Agro Chemical Detection

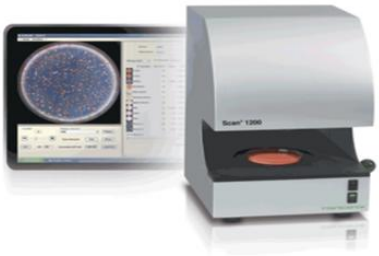
INTERSCIENCE, FRANCE

interscience



CALL US FOR PRICE

Scan 1200



Automatic colony counter "High Resolution"

- **Minimum colony size: 0.05 mm**
- **HD Colour CCD Camera with Live image (zoom x28)**
- **High Efficient Software included**
- **Support 8 types of plate: Petri Dish,** Spiral® plated Petri dish, Chromogenic Petri dish, Inhibition zones, PetriFilm™, Compact Dry™, RIDA Count™ Sanita-kun™ & Filtration membrane

BagMixer 400CC

Best Seller

LAB BLENDER – Quick Homogenizing of Samples

- **Only 60 seconds to homogenize a sample**
- **Fully opening door (270°) for easy cleaning**
- **All stainless steel with adjustable blending power, speed & time**
- **Click & Clean removable paddles**
- **Silent brushless motor**

EasySpiral

AUTOMATIC SAMPLE PLATER
- 25 seconds for a full cycle!

The high-performance automatic plater, easySpiral, guarantees standardized and programmable plating without successive dilutions of sample in 25 seconds only.

- **3 pre-set plating modes**
- **Revolutionary rotating arm with high-speed movement (Patented)**
- **Stylus disinfection system with patented overflow technology**

UV-MAN, UK

UV PRODUCT

UV Crosslinker

Model: XLE-1000
Available at 254nm, 312nm and 365nm
Price: RM 7000

Ultraviolet Lamps

Model: EA-140/FBE
E-Series Hand-Held UV Lamp, 365nm, 1x4 Watt BLB Tube AC operated
Price: RM800

UV Viewing Cabinets

Model: CM-24A/FB
CM-10 Viewing Cabinet with ENF-240C 365nm/254nm, 4 Watt Lamp (240V/50Hz)
Price: RM 2800

Digital UV Radiometer

Model: DM-365XA
365nm, Measuring range of 0-19 and 990 microwatts/cm2
Price: RM 4800

Portable UV Sanitizer

Model: UV-5ND/F
To kill most microorganisms with UV Wave (365/254nm), battery/AC operated
Price: RM 750

Ultraviolet Lamps

Model: UV-4AW/FB
MiniMAX™ Portable UV Lamp, 365nm, 1x4 Watt BLB Tube and 1xWhite Light Bulb, Complete with AC Adaptor, Use 4xAA Batteries (Not Included)(230V/50Hz)
Price: RM 450

UVITEC, UK

UVIpure transilluminator

Enhanced viewing & documentation

-Optimised for **Ethidium Bromide** & **Sybr Green**

-Available for all model from UVITEC gel doc

UVITEC, UK

UVITEC CAMBRIDGE

UVIDOC Standalone Gel Documentation

Model: UVIdoc-HD5 /20MX
Including Software & Control unit LCD
1.4 megapixels, Auto-exposure
16-bit pixel depth for increase dynamic range
8" high grade TFT LCD panel
UVIpure technology available
Robust steel and Stainless Steel construction
4 USB ports

Price: RM 30,500

FIRE-READER V4 Fluorescence systems

Model: FIRE-READER V4
1.6 megapixels extendable to 5.5 megapixels
Massive 16-bit pixel depth (65,536 grey levels)
Autofocus with motorised zoom option
Scientific Sony chip CCD Camera
"One touch" fully automated image acquisition programme
Superb quality camera filter optimized for Ethidium bromide
FireReader 1D software for image acquisition and analysis

Price: RM 33,500

Chemiluminescence Documentation

Model: ALLIANCE 4.7
4 megapixels, 1.1 inch sensor, 16-bit pixel depth
Motorised fixed focal length lens
Epoxy-painted for chemical resistance
Extremely bright fixed lenses (f0.90)
Scientific grade CCD camera
Robust steel and stainless steel construction
Cooling -46°C absolute for the lowest noise
Optional RGB Module available

Price: Please Inquire

Contact us to customise your own Gel Doc System!

Did you know…The microwave was invented after a researcher walked by a radar tube and a chocolate bar melted in his pocket.

BENCHMARK SCIENTIFIC, USA

General Benchtop Equipment

BactiZapper™ MicroSterlizer/ Cinerator
Model: B1000-E
High Temp. Setting: 815°C/ 1500°F
Low Temp. Setting: 500°C/ 950°F
Sterilization Time: 5-7 seconds
Price: RM 1130

Incu-Mixer MP2™ Heated Plate Vortexer
Model: H6002-E
Temp. Range: +5 to 70°C, up to 1200rpm
Price: RM 5375

Digital Dry Bath, Dual Position
Model: BSH1002-E
Temp. Range: Amb. +5 to 150°C
Timer: 1 to 999 minutes
Price: RM 2210

Orbi-Shaker™ JR. Orbital Shaker
Model: BT300-E
50-300 rpm, 4kg load capacity, orbital motion: 19mm, come with flat mat platform
Price: RM 3370

TubeRoller with 5 rollers
Model: R3005-E
Fixed Speed 38rpm (+/- 10%)
Tilt Angle: +/-5°
Price: RM2650

Vornado™ miniature vortexer
Model: BV101
2800rpm, 4mm Orbit, touch
Price: RM 695

Digital Hotplate Magnetic Stirrer
Model: H3760-HS-E
Speed Range: 200 to 1500rpm
Temp. Range: Amb. +5 to 380°C
Platform: 6.5x6.5in/ 16.5x16.5cm
Price: RM 1355

Mortexer™ Vortex Mixer
Model: BV1005-E
200 to 3400 rpm, 3mm Orbit, touch or continuous mode
Price: RM 910

MyBath™ Digital Water Bath (4L)
Model: B2000-4-E
Temp. Range: Amb. +5 to 100°C
Price: RM 3170

Mini BioMixer™ 3D Rocker
Model: B3D1020-E
20 rpm fixed speed, 2kg load capacity, Tilt Angle: +/-20°C, c/w dimpled mat
Price: RM 1350

MyTemp™ Mini Digital Incubator, with heating only
Model: H2200-H-E
Temp. Range: Amb. +1 to 60°C
Price: RM 1710

PlateFuge™ MicroPlate MicroCentrifuge
Model: C2000-E
2100rpm, capacity: 2x2PCR plates/ 2x2microtiter plates/ 24x0.2ml PCR strips
Price: RM 2375

BENCHMARK SCIENTIFIC, USA

General Benchtop Equipment

Homogenizer, includes 5mm and 7mm generators (ideal for microtubes)
Model: D1000-E
8500rpm to 30000rpm, capacity: 0.1 to 250ml
Price: RM 3785

Shaking Water Bath with universal spring platform
Model: SB-12L-E
Temp. Range: Amb. +5 to 80°C, 30 to 200rpm, 12 Liter, 25mm Orbit
Price: Please Inquire

ACCURIS INSTRUMENTS, USA

Precision Instruments

Model: W3200-120 with 3-door glass enclosure
Capacity: 120g x 0.001g
Pan Size: 11.5cm
Price: RM 2715
(External Calibration)

Model: W3200-320 with 3-door glass enclosure
Capacity: 320g x 0.001g
Pan Size: 11.5cm
Price: RM 2885
(External Calibration)

Model: W3200-500 with 3-door glass enclosure
Capacity: 500g x 0.001g
Pan Size: 11.5cm
Price: RM 3400
(External Calibration)

Model: W3200-3200
Capacity: 3200g x 0.01g
Pan Size: 16cm
Price: RM 2885
(External Calibration)

Model: W3200-5K
Capacity: 5000g x 0.01g
Pan Size: 16cm
Price: RM 4080
(External Calibration)

Aspire™ Laboratory Aspirator is also available!

Comes complete with:

- **Base with internal vacuum pump**
- **2 liter, polycarbonate collection bottle**
- **Antibacterial/ hydrophobic filter**
- **Silicone tubing**
- **Handheld vacuum controller**
- **Adapter for 200ul pipette tips**
- **Adapter, fine stainless steel, 40mm**

Max. Aspiration Rate: 14ml/ sec.
Max. Flow Rate: 15L / min.
Vacuum Range: -30mmbar to -750mmbar
Vacuum Pump: Oil-Free, piston pump
Price: RM 2715

N-BIOTEK, KOREA

General Benchtop Equipment

Multi Shaker with Silicon Rubber Pad
Model: NB101MT
Motion: Orbital or Reciprocating by manual adjustment
Speed Range: 30 to 300 rpm
Time Range: Continuous or up to 47 hours 59 min
Price: RM 6200

RECOMMENDED

Mini Shaking Incubator (Main Unit ONLY)
Model: NB205
Temp. Range : Ambient +5°C to 60°C
Speed Range : 30 to 300 rpm
Time Range : Continuous or up to 47hours 59min
Price: RM 6400

Stirrer Water Bath
Model: NB302
Temp. Range : Ambient +5°C to 100°C
Speed Range : 60 to 1000 rpm
Bath Capacity: 12 liters
Price: RM 5000

Micro-Cenvac™ IR Vacuum Centrifugal Concentrator
Model: NB503CIR
Temp. Range : 35°C to 65°C
Speed Range : 1700, 2500 and 5000rpm (Selectable)
Time Range : Continuous or up to 99hours 59min
Price: Please Inquire

Did You Know?

Elephants are pregnant for 2 years !

Elephants are scared of Bees!

GONOTEC, GERMANY

Automatic Cryoscopic Osmometer- Osmomat® 3000

Advantages:-

- LCD – touch screen control
- Ice does not form in the lower cooling system
- The measuring time is approximately 1 minute
- 2 or 3 point calibration.
- Minimum sample volume : 50µl
- Automatic error detection and display

Osmomat® 3000 comes with standard accessories: 100 disposable plastic measuring vessels, calibration standard 300 mOsmol/kg, 1 pasteur pipette, 1 adjustment tool, 2 spares fuses, 1 main cable and 1 instruction manual.

Fully Automatic Cryoscopic Osmometer –Osmomat® auto

Advantages:-

- Minimum user involvement via fully automatic measurement up to 20 samples
- Simple and Fast
- Small sample volume
- Easy Calibration
- Measuring Time : Approximately 70 seconds per single measurement
- Menu-driven operation
- Automatic error detection
- Constant Stand-by Mode allows operation over a long period of time

Osmomat® Auto comes with standard accessories: 1000 disposable plastic measuring vessels, calibration standard 300 mOsmol/kg, 2 spare fuses, 8 rolls of printer-paper, 1 roll of cleaning paper, 1 adjustment tool, 1 main cable and 1 instruction manual.

Accessories

Description	Item No.	Packaging	Price (RM)
Measuring Vessels for Osmomat® 3000	30.9.0010	1000pcs	**600.00**
Measuring Vessels for Osmomat® Auto	35.9.0010	1000pcs	**650.00**
Cleaning Paper for Osmomat® Auto	35.9.1030	1 roll	**255.00**
Rolls of Printer Paper	30.9.1010	8 rolls/pack	**125.00**
Endless Ink Ribbon Cassette	30.9.1020	1 pc	**125.00**

LIQUID HANDLING

GENE ERA BIOTECH, USA

GEB™ Quality Laboratory Consumables

Pipette Tips

Catalogue No.	Description	Packaging Size	Price / unit	Price / case
PT0010-B-N	10µl Universal Pipette Tips Clear, Bulk	1000 tips/ bag, 20 bags/ case	RM 60	RM 1100
PT0200-B-Y	200µl Universal Pipette Tips Yellow, Bulk	1000 tips/ bag, 20 bags/ case	RM 60	RM 1100
TR-300	300µl Universal Pipette Tips Yellow, Bulk	1000 tips/ bag, 20 bags/ case	RM 60	RM 1100
PT0010-B-B	1000µl Universal Pipette Tips ,Blue , Clear	1000 tips/ bag, 5 bags/ case	RM 60	RM 300
FT0010-R-NS-LB	10µl Filter Tips, Rack , Sterile	96 tips/ rack, 10 racks/ pack, 5 packs/ case	RM 350	RM 1720
FT0200-R-NS-LB	200µl Filter Tips, Rack, Sterile	96 tips/ rack, 10 racks/ pack, 5 packs/ case	RM 350	RM 1720
FT10000-R-NS-LB	1000µl Filter Tips, Rack , Sterile	96 tips/ rack, 10 racks/ pack, 5 packs/ case	RM 350	RM 1720

PCR Tubes & Micro Centrifuge Tubes

Catalogue No.	Description	Packaging Size	Price / unit	Price / case
PC0201-B-N	0.2ml Single PCR Tubes, Flat Cap	1000 tubes/ pack, 10 packs/ case	RM 160	RM 1550
CT0150-B-N	1.5ml Micro Centrifuge Tubes	500 tubes/ bag, 10 bags/ case	RM 50	RM 420
CT0200-B-N	2.0ml Micro Centrifuge Tubes	500 tubes/ bag, 10 bags/ case	RM 50	RM 420
CT0050-B-N	0.6ml Micro Centrifuge Tubes	1000tubes/bag, 10 bags/case	RM 70	RM 680
PC0208-B-N	0.2ml 8-Strip PCR tube, No cap	125 strips/ bag, 10 bags/ case	RM 360	RM 3500
PCQ028-B-N	0.2ml flat cap for 8 per strip PCR tube (for PCR /qPCR)	125 strips/ bag, 10 bags/ case	RM 120	RM 1100

BENCHMARK SCIENTIFIC, USA

NextPette™ Precision Pipettes

Volume Range	Cat No.	Price
0.1-1.0ul	P7700-2	RM 725
0.5-10ul	P7700-10	RM 690
2-20ul	P7700-20	RM 690
10-100ul	P7700-100	RM 690
20-200ul	P7700-200	RM 690
100-1000ul	P7700-1000	RM 690
1ml-5ml	P7700-5M	RM 725
1ml-10ml	P7700-10M	RM 725

Efficient thumb wheel for quick, one-handed volume adjustment

Large, 4 digit volume display

NextPette™ Carousel Stand

-holds 6 NextPette Pipettes

Cat No.: P7700-CAR

Price: RM 350

HEATHROW SCIENTIFIC, USA

Pipette Stands

Cat No.	Type	Material	Color	Price
HS206203	Three	Acrylic	Clear	RM 150
HS206204	Four	Acrylic	Clear	RM 170
HS20620	Six	Acrylic	Clear	RM 215
HS20613C	Six	Acrylic	Blue	RM 225
HS20613E	Six	ABS	Blue	RM 165

Did you know…The tongue is the strongest muscle in the human body.

HEATHROW SCIENTIFIC, USA

Conical Tubes

Catalogue No.	Description	Packaging Size	Price / case
HS4426B	15mL Conical Tube, Bulk Wrap, Sterile	50 tubes/ bag, 10 bags/ case	RM 460
HS4427B	50mL Conical Tube, Bulk Wrap, Sterile	25 tubes/ bag, 20 bags/ case	RM 640
HS4427S	50mL Conical Tube, Bulk Wrap, Sterile, Self Standing	25 tubes/ bag, 20 bags/ case	RM 655
HS4428	15mL Conical Tube, Black, Bulk Wrap, Sterile	50 tubes/ bag, 10 bags/ case	RM 670
HS4429	50mL Conical Tube, Black, Bulk Wrap, Sterile	25 tubes/ bag, 20 bags/ case	RM 915

Disposable Transfer Pipette

Part Number	Description	Sterile	Length, mm	Graduations	Quantity/ pack	Price
HS206371A	1ml, Bulk	No	150	0.25ml	500	RM 60
HS206371B	1ml, 20/wrap	Yes	150	0.25ml	500	RM 120
HS206372A	2ml, Bulk	No	155	0.5ml	500	RM 65
HS206372B	2ml,20/wrap	Yes	155	0.5ml	500	RM 120
HS206373A	3ml, Bulk	No	155	0.5ml	500	RM 65
HS206373B	3ml, 20/wrap	Yes	155	0.5ml	500	RM 130

Multi-Channel Reagent Reservoir

Catalogue No.	Description	Packaging Size	Price / unit
HS20521B	Multi-Channel Solution Basin, 55ml PS, WHITE , Non Sterile	Pack of 100	RM 160
HS20521C	Multi-Channel Solution Basin, 55ml PS, WHITE , Sterile	Pack of 50	RM 290
HS20721B	Multi-Channel Solution Basin, 100ml PS, WHITE , Non Sterile	Pack of 100	RM 195
HS20721C	Multi-Channel Solution Basin, 100ml PS, WHITE , Sterile	Pack of 50	RM 430

Did you know a woman has approximately 4.5 liters of blood in her body, while men have 5.6 liters?

Sigma® Cultureware - Premium Quality Tissue Culture Treated Plasticware

Our new line of Sigma® Brand Cultureware meets the superior quality standards of premium tissue culture treated plasticware you've grown accustomed to, but is differentiated by Sigma's commitment to keep your work flowing seamlessly. Only Sigma Life Science can provide you with a complete range of cell culture reagents, media, sera, cultureware and cell lines - always supported by the superior service and technical expertise you deserve.

Product Range of Sigma Brand Cultureware:

- **Culture Flasks**
- **Culture Dishes**
- **Cryogenic Vials**
- **Multiwell Culture Plates**
- **Centrifuge Tubes**
- **Filter Units**
- **Serological Pipettes**
- **Scrapers & Lifters**

Compare Your Premium Cultureware to Our New Sigma Brand Treated Cultureware Line

Feature	Sigma Cultureware	Premium Brand Cultureware
Sterilized by gamma irradiation and certified non-pyrogenic	✔	✔
Manufactured from optically clear virgin polystyrene	✔	✔
Treated for optimal cell attachment	✔	✔
Certificate of compliance	✔	✔
Expiration-dated	✔	✔

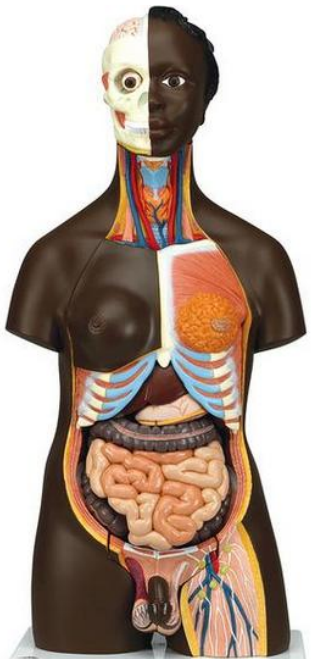
Did you know a woman has approximately 4.5 liters of blood in her body, while men have 5.6 liters?

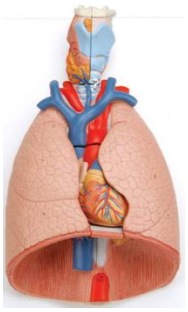
HEATHROW SCIENTIFIC, USA

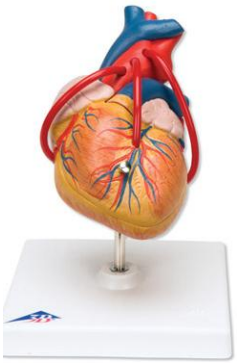
Customer also purchased ***HEATHROW SCIENTIFIC***

Up to 12,500 rpm **Gusto™ High-Speed Mini-Centrifuge** **RM 3300**	 **RF3000™ Pipette Controller** **RM 990**	 **Lab Alert® Four Channel Timer/Clock** **RM 80**
 Eyewash Station, 1 Bottle **RM 95**	 **True North® Freezer Thermometer** **RM 125**	 **Work2Store™ Expanding Storage Rack** **RM 110**

3B Scientific







3B SCIENTIFIC, GERMANY

Simulators & Trainers

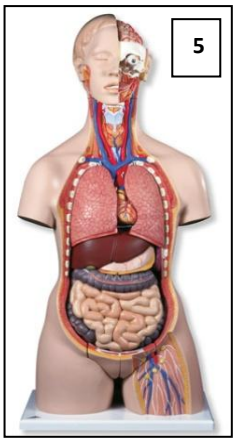
	Cat#	Description	Price
1	W19500	CRP Adult Manikins Resusci Anne CPR Torso	RM 6000
2	W45158	Blood Pressure Training Arm	RM 5300
3	W44003	Suture Practice Arm	RM 1500
4	P10	Patient Care Manikin I	RM11,300

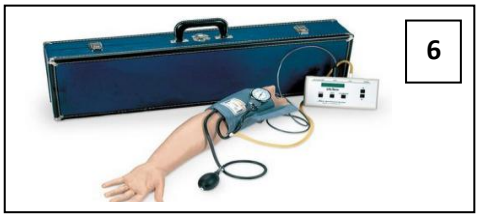
Anatomical Models

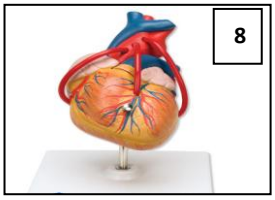
	Cat#	Description	Price
5	B35	Deluxe Dual Sex Torso with Opened Back, 28-part	RM 4300
6	W44675	Blood Pressure Simulator Arm	RM 7050
7	W45062	Infant Patient Care Manikin	RM 4850
8	G05	Classic Heart with Bypass, 2 part	RM 850

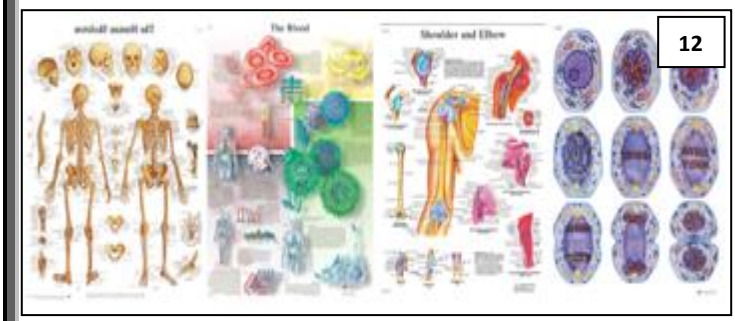
Kit & Genetic Experiments

	Cat#	Description	Price
9	W44003	DNA Forensics Kit	RM 1370
10	W55716	Genetics Kit: : Population genetic & evolution	RM 700
11	W16120	Sensory physiology kit	RM 6500
12	*****	Teaching, Patient Education and Medical Charts (10/set)	RM 1200







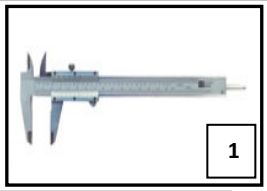


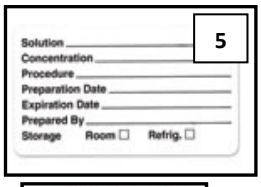
Did you know…Human eye was a digital camera, it would have 576 megapixels.

DAIGGER, USA

Sourced over 30,000 products from all over the world with over 100 product sections. Always be able to find what you need !!

	Cat#	Description	Price
1	EF1630B	Vernier Calipers	RM 160
2	EF4575C	Economy Slide Warmer, small	RM 1370
3	EF1337	Lab Spill Cleanup Kit Portable	RM 730
4	EF1960	EZ Cleans Mercury Spill Kit	RM 160
5	EF14813B	Label Solution , Roll of 320, 1 5/8 x 3"	RM 165
6	EF15439	Traceable Excursion-Trac Datalogging Refrigerator/ Freezer Thermometer (Includes 1 bottle probe)	RM 660
7	EF15012	Foot Candle Lux Meter	RM 840
8	EF21747A	Broken Glass Safe Disposal Cartons & Bins, Floor, Cs of 6, 12"(L) x 12"(W) x 27"(H)	RM 290
9	EF22300A-1	Waring Blender 1L, 22000rpm, Stainless Steel Container	RM 2320
10	EF2196C	Brix Scale Refractometers, 0-32%	RM 610
11	EF218898C	Sampling Bag Write-On White 4-OZ, 500/pk	RM 310
12	EF16061F	Embedding Cassettes, GRAY Colour, 500/pack	RM 220
13	EF4750A	Jumbo Hygro-Thermometer	RM 300
14	EF4898A	Adjustable-Angle Rotator (Main Unit ONLY)	RM 2500
15	EF4892A	Five-Point Magnetic Stirrers	RM 3050



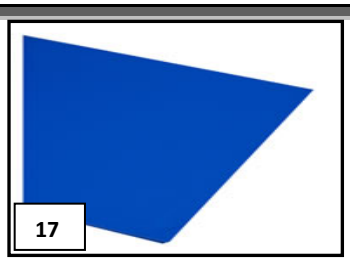


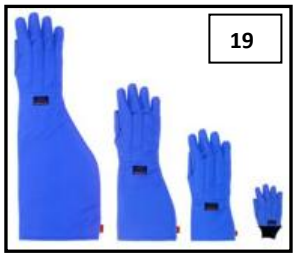
Did you know…Most microbes do not cause disease-less than 5%.

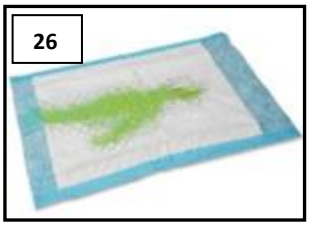
DAIGGER, USA

Sourced over 30,000 products from all over the world with over 100 product sections. Always be able to find what you need !!

	Cat#	Description	Price
16	EF23625F	Plain-Neck Culture Tubes Without Marking Spot, 15ml, 1000/case	RM 370
17	EF8308FB	Step One Economy Cleanroom Tacky Mats, 36" x 45", 4/case	RM 755
18	EF982A	Water-Proof Apron, 24''W x 36''L	RM 800
19	EF972B	Cryo-Gloves, protect against inquiry from -160 to 150°C, Water Resistant, Mid-Arm, Md, pk of 2	RM 630
20	EF7412B	General Biology Dissecting Kits, 7 Implements	RM 45
21	EF7730A(M) EF7730B(L)	High Temperature Static Dissipative Gloves, withstand dry contact temperatures from -134 to 760°C	RM 700
22	EF1890B	Biohazard Warning Labels, pk of 500	RM 350
23	EF9767B	Radioactive Warning Labels, roll of 500, pk of 10	RM 130
24	EF9767F EF9767G EF9767H	Hazard Warning Label Tapes, roll of 125 per 500", pk of 10 EF9767F (Poison) EF9767G (Corrosive) EF9767H (Flammable)	RM 140
25	EF21760A	Angled Benchtop Radiation Shield	RM 1230
26	EF8313AA	Lab bench Absorbent Pad with Plastic Backing, 17 x 24'', 300/case	RM 310
27	EF9762R	Label Tape Color Assortment Pack, 1 x 500", 12/case	RM 230





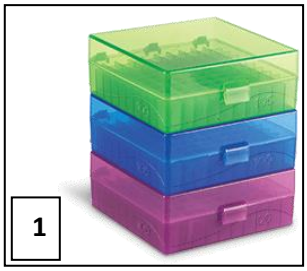


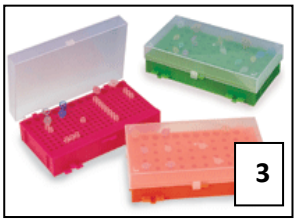
Did you know...The largest organism in the world when measured by area is the Honey Mushroom fungus.

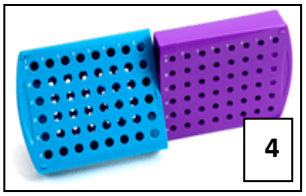
HEATHROW SCIENTIFIC, USA

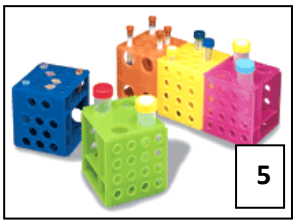
General Laboratory Supplies

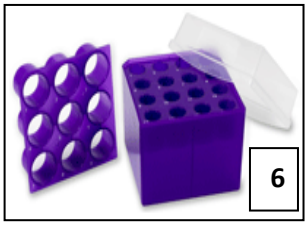
	Cat#	Description	Price
1	HS120044	100-Well Hinged Storage Box, assorted Colours,pk5	RM 135
2	HS2345A	96 Well Reversible Rack, Assorted, pk of 5	RM 165
3	HS2344A	Reversible PCR® Rack, Assorted, pk of 5	RM 165
4	HS29041A	Rota Rack Duo, 0.2ml	RM 120
5	HS29050A	Cube Rack, Interlocking, Assorted, pk of 5	RM 155
6	HS23271A	15 & 50ml Tube Storage Box, pk of 5	RM 190
7	HS23461A	96-Well PCR® Rack, Assorted, pk of 5	RM 120
8	HS15988H	True North Slide Box, 10/pk	RM 700
9	HS15991	Economy Slide Box, 10/pk	RM 200
10	HS234525	Parafilm® Dispenser-ABS Plastic, Blue/Red/Green	RM 170
11	HS10022	Sprout Mini-Centrifuge	RM 890
12	HS4010A	Sea Star™ Orbital Shaker	RM 2700
13	HS2165A	Floating Foam Tube Rack, 50ml Tube, 5/pk	RM 60
14	HS2165B	Floating Foam Tube Rack, 15mL Tubes, 5/pk	RM 55
15	HS2165C	Floating Foam Tube Rack, 1.5-2.0ml Tube, 5/pk	RM 60
16	HS2166	Floating Foam Tube Rack, .2,.5, 1.5-2.0ml Tubes, 5/pk	RM 60
17	HS1420A	Weigh boat, small, 500/pk	RM 70
18	HS1420B	Weigh boat, medium, 500/pk	RM 115
19	HS1420C	Weigh boat, large, 500/pk	RM 195

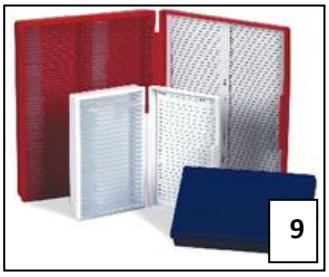


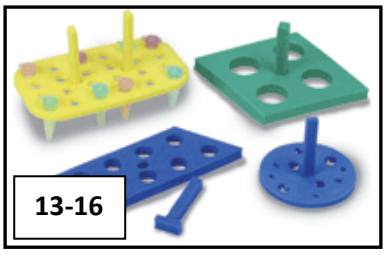










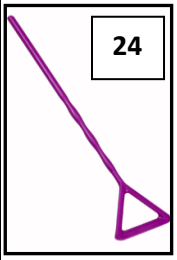


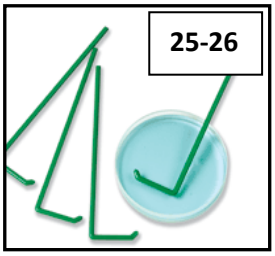
Did you know…If you eat a polar bear liver, you will die. Humans can't handle that much vitamin A.

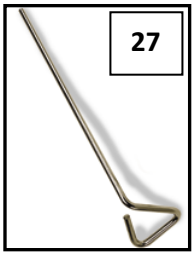
HEATHROW SCIENTIFIC, USA

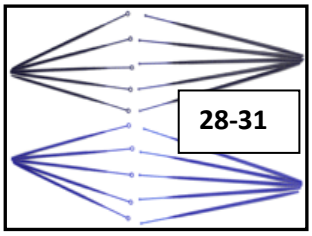
General Laboratory Supplies

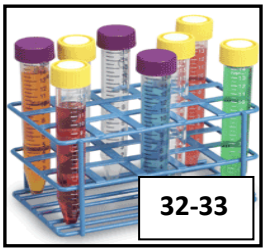
	Cat#	Description	Price
20	HS120000	eCount™ Colony Counter Pen	RM 1175
21	HS9902	20-Place Cardboard Slide Tray black trim, 72/pk	RM 1170
22	HS9913	20-Place Cardboard Slide Tray blue trim, 72/pk	RM 1170
23	HS9914	20-Place Cardboard Slide Tray green trim, pk72	RM 1170
24	HS8151	Disposable Delta Cell Spreader, 500/ pk	RM 280
25	HS8171A	Spreaders single wrap, sterile, 500/ pk	RM 360
26	HS8171B	Spreaders 10 wrap, sterile, 500/ pk	RM 280
27	HS86655	Stainless Steel Cell Spreader	RM 40
28	HS81121A	Loops 1µl Flexible, sterile, 1000/ pk	RM 210
29	HS81121B	Loops 1µl Rigid, sterile, 1000/ pk	RM 210
30	HS81121C	Loops 10µl Flexible, sterile,1000/ pk	RM 210
31	HS81121D	Loops 10µl Rigid, sterile, 1000/pk	RM 210
32	HS23215	15 Place Rack for 15mL Tubes	RM 95
33	HS232461	8-Well Wire Rack for 50mL Tubes	RM 95
34	HS24306	Orange Snap-together Rack	RM 75
35	HS24318/ HS24319	Pop-Up™ Rack , Purple (15ml)/ Green (50ml), pk2	RM 100
36	HS243073B	Fold & Snap Rack 13mm Tube Blue	RM 45
37	HS10060	2ml Screw top tubes with O ring, natural pk500	RM 270

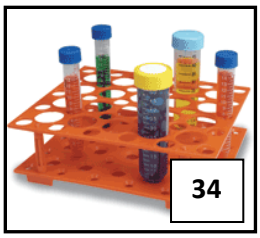


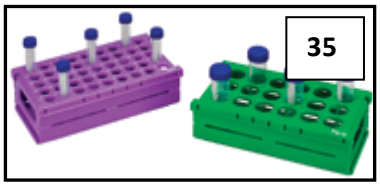


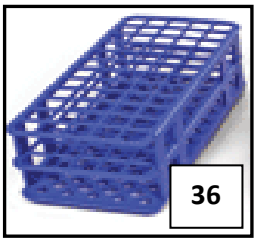












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Genial GENETICS

CellSprint

Automated Cytogenic Suspension Culture Harvester

- Walkaway suspension culture harvesting automation
- **Eliminates manual process variability**
- Integrated, on board fixative mixing
- **Saves reagent wastage and optimizes consumable costs**
- Integrated HEPA filtration
- Self sealing centrifuge buckets
- Extensive alarm systems
- **Safe , secure processing, minimises operator exposure**
- All harvesting protocols accommodated
- Rapid throughput with no over-incubation
- **High quality fixed suspension culture output**

ProCell

Cytogenetic Culture and Harvesting Reagents

Setup

- **Anti Clotting Reagent (ACL) GGS- JL001** Powder for 100mL solution ---- **RM 979**
- **Erythrocyte Lysis Solution (ELS) GGS - JL009** Vial of saturated liquid --- **RM 1779**

In Culture

- **Bone Marrow Growth Supplement (BMGS) GGS - JL002** 20mL solution --**RM 979**
- **Lymphocyte Growth Supplement (LGS) GGS - JL002/L** 10mL solution----- **RM 579**
- **Chromosome Resolution Additive (CRA) GGS-JL-003** 1mL solution ------- **RM 489**
- **Solid Tumour Growth Supplement GGS - JL0010** 20mL ---------- **RM 979**
- **Lymphoma Growth Supplement GGS - JL0011** 20mL solution ---------- **RM 979**
- **Skin Growth Supplement GGS - JL0012** 10mL solution---------- **RM 979**
- **Product of Conception (POC) Growth Supplement GGS - JL0013** 20mL --- **RM 979**

At Harvest

- **Cytoclear GGS - JL004** 1mL solution ---------- **RM 1069**
- **ProCell Hypotonic Solutions**
  - **I) Optimal Hypotonic Solution GGS - JL005** Powder for 1000mL solution -**RM 669**
  - **II) Buffered Hypotonic Solution GGS - JL006** Powder for 1000mL solution **RM 669**
- **Metaphase Arresting Solution (MAS)** ---------- **RM 1779**
  GGS - JL008 Powder for 100mL solution

REPEAT-FREE™ POSEIDON™ DNA PROBES

ONCOLOGY- HEMATOLOGY DNA PROBES

Chronic Myelogenous leukemia (CML)

- ON p53(17p13)/MPO (17q22)"ISO 17q"
  KBI-10011
  10Tests(Green/Red)
  RM 2599
- ON FIP1L1-CHIC2-PDGFRA(4q12) Del, Break
  KBI-10003
  10 Tests(Green/Red)
  RM 2599

Chronic Lymphocytic Leukemia(CLL)

- ON p53(17p13)/SE17
  KBI-10112
  10 Tests (Red/Green)
  RM 1999
- ON hTERC (3q26)/3q11
  KBI-10110
  10 Tests (Red/Green)
  RM 2099

Myelodysplastic Syndromes(MDS)

- ON hTERT (5q15)/5q31
  KBI-10208
  10 Tests (Red/Green)
  RM 2199
- ON MDS 7q-(7q22;7q36)
  KBI-10202
  10 Tests(Red/Green)
  RM 2099

Acute Myeloid Leukemia(AML)

- ON AML/ETO t(8,21) Fusion
  KBI-10301
  10 tests (Green/Red)
  RM 2099
- ON MLL(11q23) Break
  KBI-10303
  10 Tests (Red/Green)
  RM 2099

ONCOLOGY -SOLID TUMOR DNA PROBES

- ON ERBB2, Her2/Neu(17q12)/SE17
  KBI-10701 10 Tests (Red/Green)
  RM 2899
- ON TOP2A (17q21)/SE17
  KBI-10724 10 Tests (Red/Green)
  RM 2399
- ON hTERT(5q15)/5q31(TISSUE)
  KBI-10709 10 Tests (Red/Green)
  RM 2599
- ON FGFR1(8q12) Break
  KBI-10737 10 Tests (Red/Green)
  RM 2599

MICRODELETION DNA PROBES

- MD DiGeorge "N25"(22q11)/22q13 (SHANK3)
  KBI-40102 10 Tests (Red/Green)
  RM 1799
- MD Wolf - Hirschhorn WHSC1(4p16)/SE4
  KBI-40107 10 Tests (Red/Green)
  RM 1799
- MD Prader-Willi SNRPN (15q11)/PML (15q24)
  KBI-40109 10 Tests (Red/Green)
  RM 1799
- MD- Angelman UBE3A(15q11)/PML (15q24)
  KBI-40110 10 Tests (Red/Green)
  RM 1799

WHOLE CHROMOSOME DNA PROBES

- 1 Probe — **RM 1299**
- 2 Probe — **RM 2399**
- 3 Probe — **RM 3299**
- 4 Probe — **RM 4199**
- 5 Probe — **RM 4999**

CELL CULTURE MEDIA

- KREAvital Prenatal Medium (Complete), KBI-90012 100ml
  RM 189
- KREAvital Prenatal Medium PLUS (Complete),KBI-90013, 100ml
  RM 219
- KREAvital lymphocyte Karyotyping Medium (w/o and with PHA), KBI-90020,90021, 100ml
  RM 179
- KREAvital Bone MARROW Medium, KBI-90030, 100ml
  RM 319
- KREAvital Myeloid Cell Medium, KBI-90031, 100ml
  RM 959
- Colchine solution (10ug/ml, in PBS)
  KBI-90050, 25ml
  RM 79
- Colcemid solution (10ug/ml, in PBS)
  KBI-90051, 10ml
  RM 89

KREATECH DIAGNOSTICS

2014 PROMOTION

ThermoBrite™
SLIDE DENATURATION/HYBRIDIZATION SYSTEM

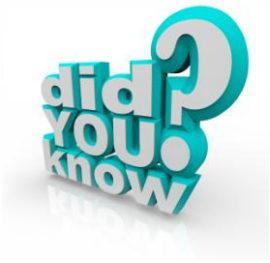
Programmable Temperature Controlled Slide Processing System for (F)ISH Procedures

- Handling of in situ hybridization systems & microarray chips
- Accommodate up to 12 slides
- Optimal temperature & humidity control
- Up to 40 user-defined protocols
- Function in 3 operating models
- Supports a wide range of sample types
- More stringent temperature control

SPECIAL PRICE FOR NEW USERS (FIRST TIMER)

Valid until Dec 31, 2014

- **Eliminate extra steps**
- **Reduce hand on time**
- **Improved precision**



Mobile phones have 18 times more bacteria than toilet handles!

MRC-Holland MLPA

Multiplex ligation-dependent probe amplification

AN INTRO

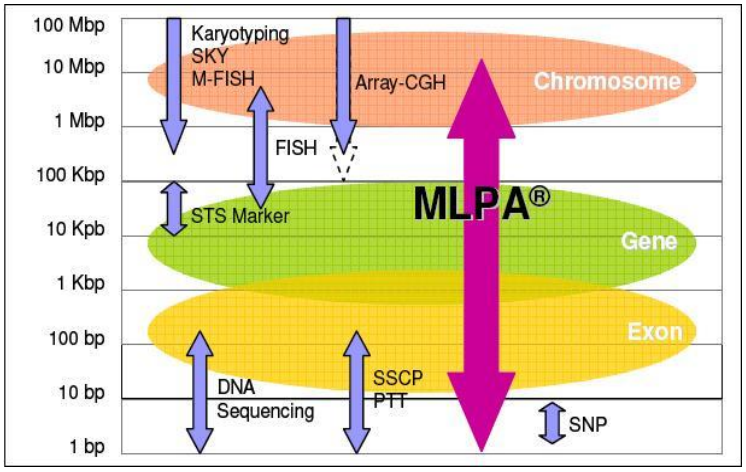
- *a multiplex PCR method detecting abnormal copy numbers of up to 50 different genomic DNA or RNA sequences, which is able to distinguish sequences differing in only one nucleotide*
- *only requires a thermocycler and capillary electrophoresis equipment, up-to 96 samples can be handled simultaneously, with results being available within 24 hours*
- *MLPA not only has the advantage of being a multiplex technique, but also one in which very small (50-70 nt) sequences are targeted, enabling MLPA to identify the frequent, single gene aberrations which are too small to be detected by FISH*
- *as compared to array-CGH, MLPA is a low cost and technically uncomplicated method, although MLPA is not suitable for genome-wide research screening, it is a good alternative to array-based techniques for many routine applications*

A NOVEL TECHNIQUE FOR

- *Tumour Characterization*
- *Microdeletion Syndromes*
- *Neurogenetics & Mental Retardation*
- *Prenatal Screening*
- *Genetic Disorders*

DETECT

- *Small & Large (even chromosomal) Rearrangements*
- *Subtelomeric Region Copy Number Changes*
- *Complete chromosome Copy Number Change*
- *Tumour Diagnostics*
- *Methylation Quantification*
- *mRNA Analysis*



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Free

- **DELIVERY** *(within Malaysia)*
- **CONSULTATION**
- **TECHNICAL BACK-UP**
- **MLPA ANALYSIS SOFTWARE** *(Coffalyser)*

2014 /2015 PROMOTION

Special Price for New Users (First-Timer)

**please enquire @ info@nanolifequest.com / +603-8063-2688*

**terms & conditions apply*

Did you know…Blood is such a good stain that Native Americans used it for paint.

Genomic

Proteomics

Liquid Handling

Bio Life Haus

connecting people to science

Instrumentation

Cellular Biology

General lab Supply

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